# Experiment 1: Transferring Electric Charge

Student Name: _____

Section Number: _____

**PRELAB**

**PRE-LAB Instructions:**

Print out this page. Feel free to refer to the lab Instructions and other materials, your physics textbook, other students, etc. to help you to ponder, understand, and work out answers to the following question(s). Show your work & answers in the space(s) provided.

**PRE-LAB Questions**

1) Explain how you charge an object by induction.

2) Explain why a charged hard-rubber comb will pick up bits of paper even though the bits are electrically neutral.

3) Describe how you will measure the charge distribution on various conducting surfaces in this experiment.